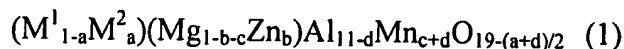


## AMENDMENTS TO THE CLAIMS

**This listing of claims will replace all prior versions and listings of claims in the application:**

### **LISTING OF CLAIMS:**

1. (currently amended): A phosphor, comprising fluorescent substances I and II, wherein the fluorescent substance I contains silicate and Mn as an activator and the fluorescent substance II contains a compound represented by the formula (1) or a compound represented by the formula (2) and Tb as the activator:



~~In the~~wherein, in formula (1),  $M^1$  is ~~at least one~~ selected from the group consisting of La, Y, and Gd, and mixtures thereof,

$M^2$  is ~~at least one~~ selected from the group consisting of Ca, Sr, ~~and Ba,~~ and mixtures thereof,

a is not less than 0 and not more than 0.6,

b is not less than 0 and not more than 1,

c is not less than 0 and not more than 0.5,

d is not less than 0 and not more than 0.5,

b+c is not more than 1, and

c+d is more than 0 and not more than ~~0.5.~~0.5,



~~In the~~wherein, in formula (2),  $M^3$  is ~~at least one~~ selected from the group consisting of La, Y, and Gd, and mixtures thereof,

Yuichiro IMANARI, et al.  
Atty. Dkt.: Q95018  
Preliminary Amendment

m is not less than 2.5 and not more than 4.5 and

n is not less than 3.5 and not more than 5.5.}

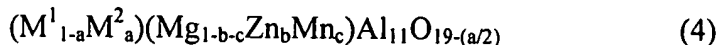
2. (original): The phosphor according to claim 1, wherein a ratio of the fluorescent substance I by weight and the fluorescent substance II by weight is 5/95 - 95/5.

3. (currently amended): The phosphor according to claim 1 or 2, wherein the fluorescent substance I is represented by the formula (3):



~~In the~~wherein, in formula (3), e is more than 0, ~~preferably not less than 0.001 and not more than 0.3, preferably not more than 0.2.~~ and not more than 0.3.

4. (currently amended): The phosphor according to ~~any of claims 1-3~~ claim 1 or 2, wherein the fluorescent substance II is represented by the formula (4),



~~In the~~wherein, in formula (4), ~~M<sup>1</sup> is at least one~~ M<sup>1</sup> is at least one selected from the group consisting of La, Y, and Gd, and mixtures thereof,

~~M<sup>2</sup> is at least one~~ M<sup>2</sup> is at least one selected from the group consisting of Ca, Sr, and Ba, and mixtures thereof,

a is not less than 0 and not more than 0.6,

b is not less than 0 and not more than 1,

c is not less than 0 and not more than 0.5 and

b+c is not more than 1.}

5. (currently amended): The phosphor according to claim 4, wherein the fluorescent substance II is represented by the formula (5):

Yuichiro IMANARI, et al.  
Atty. Dkt.: Q95018  
Preliminary Amendment



~~In the~~wherein, in formula (5), b is not less than 0 and not more than 1,

c is not less than 0 and not more than 0.5, and

b+c is not more than 1.}

6. (currently amended): The phosphor according to ~~any of claims 1-3~~claims 1 or 2, wherein the ~~the~~ fluorescent substance II is represented by the formula (6),



~~In the~~wherein, in formula (6),  $\text{M}^3$  is ~~at least one~~ selected from the group consisting of La, Y, and Gd, mixtures thereof, and

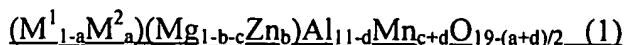
f is more than 0 and not more than 0.6.}

7. (currently amended): The phosphor according to claim 6, wherein the fluorescent substance II is represented by the formula (7):



~~In the~~wherein, in formula (7), f is more than 0 and not more than 0.6 and g is not less than 0 and not more than 1.}

8. (currently amended): A phosphor paste, comprising ~~the a~~ phosphor, ~~according to any of claims 1-7~~, a solvent and a binder, wherein the phosphor comprises substances I and II, wherein the fluorescent substance I contains silicate and Mn as an activator and the fluorescent substance II contains a compound represented by the formula (1) or a compound represented by the formula (2) and Tb as the activator:



Yuichiro IMANARI, et al.  
Atty. Dkt.: Q95018  
Preliminary Amendment

wherein, in formula (1),  $M^1$  is selected from the group consisting of La, Y, Gd, and mixtures thereof,

$M^2$  is selected from the group consisting of Ca, Sr, Ba, and mixtures thereof,

a is not less than 0 and not more than 0.6,

b is not less than 0 and not more than 1,

c is not less than 0 and not more than 0.5,

d is not less than 0 and not more than 0.5,

b+c is not more than 1, and

c+d is more than 0 and not more than 0.5,

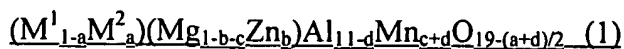


wherein, in formula (2),  $M^3$  is selected from the group consisting of La, Y, Gd, and mixtures thereof,

m is not less than 2.5 and not more than 4.5 and

n is not less than 3.5 and not more than 5.5.

9. (currently amended): A vacuum ultraviolet excited light-emitting device comprising ~~the~~ a phosphor according to any of claims 1-7 and an electrode, wherein the phosphor comprises substances I and II, wherein the fluorescent substance I contains silicate and Mn as an activator and the fluorescent substance II contains a compound represented by the formula (1) or a compound represented by the formula (2) and Tb as the activator:



Yuichiro IMANARI, et al.  
Atty. Dkt.: Q95018  
Preliminary Amendment

wherein, in formula (1),  $M^1$  is selected from the group consisting of La, Y, Gd, and mixtures thereof,

$M^2$  is selected from the group consisting of Ca, Sr, Ba, and mixtures thereof,

a is not less than 0 and not more than 0.6,

b is not less than 0 and not more than 1,

c is not less than 0 and not more than 0.5,

d is not less than 0 and not more than 0.5,

b+c is not more than 1, and

c+d is more than 0 and not more than 0.5,



wherein, in formula (2),  $M^3$  is selected from the group consisting of La, Y, Gd, and mixtures thereof,

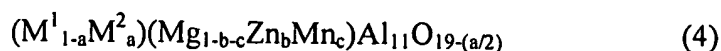
m is not less than 2.5 and not more than 4.5 and

n is not less than 3.5 and not more than 5.5.

10. (canceled).

11. (new): The phosphor according to claim 3, wherein e is not less than 0.001 and not more than 0.2.

12. (new): The phosphor according to claim 3, wherein the fluorescent substance II is represented by the formula (4),



Yuichiro IMANARI, et al.  
Atty. Dkt.: Q95018  
Preliminary Amendment

wherein, in formula (4),  $M^1$  is selected from the group consisting of La, Y, Gd, and mixtures thereof,

$M^2$  is selected from the group consisting of Ca, Sr, Ba, and mixtures thereof,

a is not less than 0 and not more than 0.6,

b is not less than 0 and not more than 1,

c is not less than 0 and not more than 0.5 and

b+c is not more than 1.

13. (new): The phosphor according to claim 12, wherein the fluorescent substance II is represented by the formula (5)



wherein, in formula (5), b is not less than 0 and not more than 1,

c is not less than 0 and not more than 0.5, and

b+c is not more than 1.

14. (new): The phosphor according to claim 3, wherein the fluorescent substance II is represented by the formula (6),



wherein, in formula (6),  $M^3$  is selected from the group consisting of La, Y, Gd, mixtures thereof, and

f is more than 0 and not more than 0.6.

15. (new): The phosphor according to claim 14, wherein the fluorescent substance II is represented by the formula (7)

Yuichiro IMANARI, et al.  
Atty. Dkt.: Q95018  
Preliminary Amendment



wherein, in formula (7), f is more than 0 and not more than 0.6 and g is not less than 0 and not more than 1.